

# Customer Information Sheet

DRAWING No.: M80-32A TO M80-32C

SHEET 2 OF 2

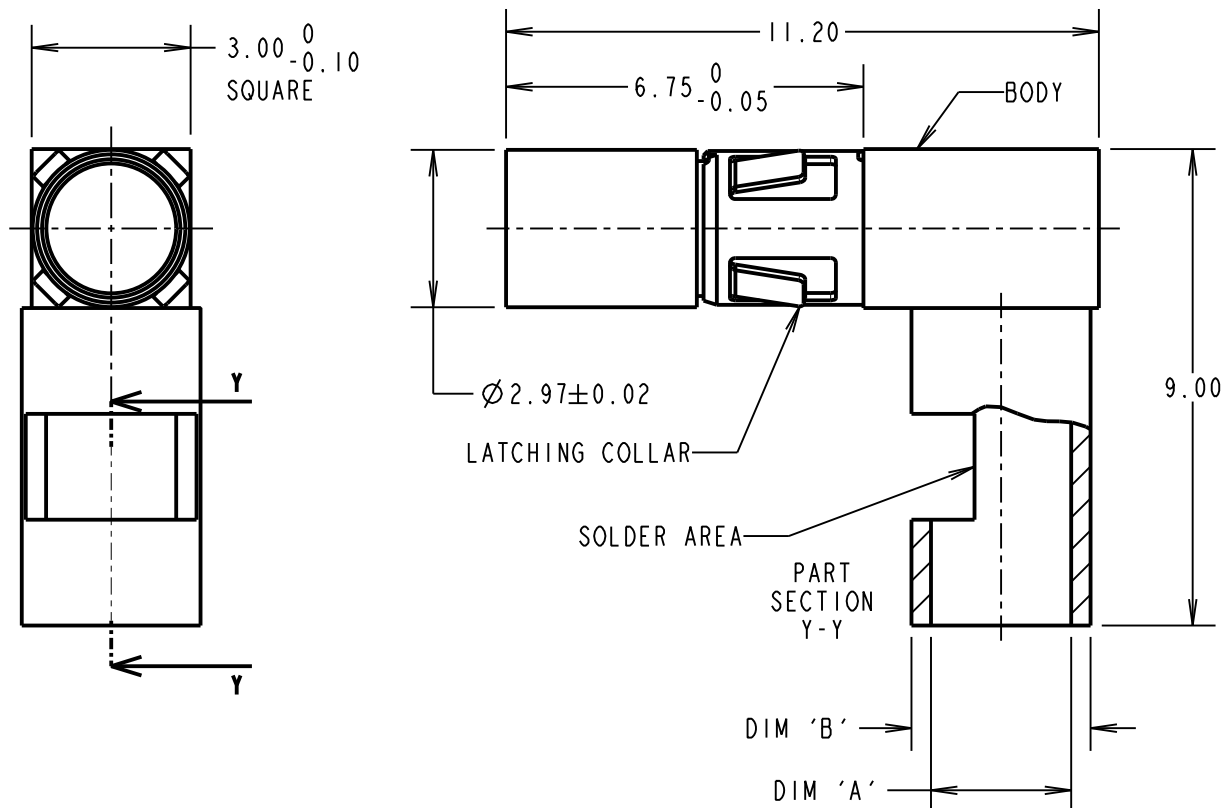
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**SPECIFICATIONS:****MATERIALS:**

BODY = BRASS

LATCHING COLLAR = BERYLLIUM COPPER

**FINISH:**

BODY = GOLD

LATCHING COLLAR = NICKEL

**ELECTRICAL:**CONTACT RESISTANCE =  $6m\Omega$  MAX

CURRENT RATING = SEE TABLE (CABLE DEPENDENT)

**MECHANICAL:**

DURABILITY = 500 OPERATIONS

INSERTION FORCE = 8N MAX

WITHDRAWAL FORCE = 0.5N MIN

CONTACT REPLACEMENT IN INSULATOR = 5 TIMES

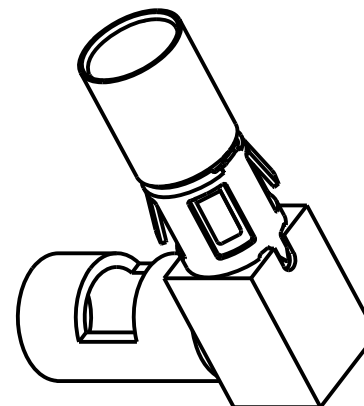
**ENVIRONMENTAL:**

TEMPERATURE RANGE = -55°C TO +125°C

**NOTES:**

1. CONNECTOR COMES SUPPLIED ASSEMBLED.
2. STRIP WIRE BY 5.00mm MINIMUM.
3. CONTACT EXTRACTION TOOL = Z80-290
4. FOR ALL OTHER ELECTRICAL/MECHANICAL REQUIREMENTS, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE).

PART No.	DIM 'A'	DIM 'B'	WIRE SIZE	CURRENT RATING
M80-32A	$\varnothing 2.65$	$\varnothing 3.38$	12 AWG	20A
M80-32B	$\varnothing 2.15$	$\varnothing 2.97$	14 AWG	15A
M80-32C	$\varnothing 1.75$	$\varnothing 2.97$	16 AWG	10A



MGP	2	04.01.13	11898
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: MARK G PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**

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**TOLERANCES**

X. =  $\pm 1\text{mm}$   
X.X =  $\pm 0.25\text{mm}$   
X.XX =  $\pm 0.10\text{mm}$   
X.XXX =  $\pm 0.01\text{mm}$

ANGLES =  $\pm 5^\circ$ 

UNLESS STATED

**MATERIAL:**

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm<sup>2</sup>

TITLE: DATAMATE MIX-TEK  
POWER CONTACT  
FEMALE RIGHT ANGLE SOLDER

DRAWING NUMBER:

**M80-32A TO M80-32C**

SHT  
2 OF 2